



[10191/13761]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Martin LENFERS et al.
Serial No. : 09/554,041
Filed : October 12, 2000
For : PROBE FOR DETERMINING THE OXYGEN
CONCENTRATION IN A GAS MIXTURE
Examiner : Kaj K. Olsen
Group Art Unit : 1744

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Commissioner For Patents
P.O. Box 1450
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Date: June 30, 2003

Reg. No. 36,197

Signature:

Long H. Lee

AMENDMENT

SIR:

In response to the Office Action mailed on March, 10, 2003, kindly reconsider the present application in light of the following amendment and remarks.

IN THE CLAIMS:

Please amend claim 6 without prejudice as follows:

6. (Three times Amended) A probe for determining an oxygen concentration in a gas mixture, comprising:

a Nernst measuring cell including:

a Nernst electrode exposed to the gas mixture to be measured via a diffusion barrier, a reference electrode exposed to a reference gas, and a solid electrolyte body arranged between the Nernst electrode and the reference electrode;

a pump cell including:

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